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**To:**

NAME:	FACSIMILE:	TELEPHONE:
U.S. Patent and Trademark Office M/S Amendment	(703) 872-9306	

**FROM:** Robert E. Scheid  
(Reg. No. 42,126)

**DATE:** March 7, 2005

Number of pages with cover page:	21	
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**Comments:**

Inventor: Kenneth E. Anderson		Atty Docket No. 495812001400
Application No.: 10/075,840	Filing Date: February 13, 2002	
Group Art Unit: 2872	Examiner: J. Juba	
Title: INTEGRATED READING AND WRITING OF A HOLOGRAM WITH A ROTATED REFERENCE BEAM POLARIZATION		
Documents Filed:		
Transmittal (1 page)		
Fee Transmittal w/duplicate copy for fee processing (2 pages)		
Amendment (17 pages)		
Facsimile Return Receipt Cover		
Sender's Initials: RES4/jxh3	Date:	March 7, 2005

sf-1836078

PTO/SB/21 (03-04)

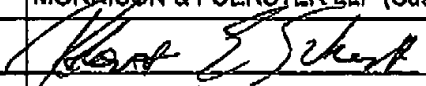
Approved for use through 07/31/2006. OMB 0861-0031

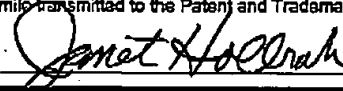
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/075,840
		Filing Date	February 13, 2002
		First Named Inventor	Kenneth E. ANDERSON
		Art Unit	2872
		Examiner Name	J. Juba
Total Number of Pages in This Submission	20	Attorney Docket Number	495812001400

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form w/duplicate copy for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (17 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Return Receipt Cover Sheet
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Robert E. Scheid		
Date	March 7, 2005	Reg. No.	42,126

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.	
Dated: March 7, 2005	Signature:  (Janet Hollrah)

sf-1885903

PTO/SB/17 (12-04v2)  
Approved for use through 7/31/2008. OMB 0851-0032  
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Effective on 12/08/2004,  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4318).

## FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT		Complete if Known	
Application Number	10/075,840	Filing Date	February 13, 2002
First Named Inventor	Kenneth E. ANDERSON	Examiner Name	J. Juba
Art Unit	2872	Attorney Docket No.	495812001400

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account      Deposit Account Number: 03-1952      Deposit Account Name: Morrison & Foerster LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below      ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17      ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
40	- 40 = 0	x	0

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
13	- 7 = 6	x	200.00 = 1200

**3. APPLICATION SIZE FEE**

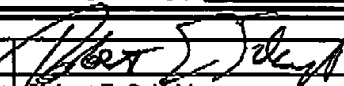
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(a).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x	=	0

**4. OTHER FEE(S)**

	Fee Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	0
Other (e.g., late filing surcharge):	0

**SUBMITTED BY**

Signature 	Registration No. (Attorney/Agent)	42,126	Telephone (415) 268-6369
Name (Print/Type) Robert E. Scheid			Date March 7, 2005

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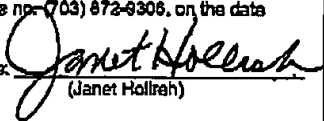
MAR 07 2005

PATENT  
Docket No. 495812001400

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Dated: March 7, 2005

Signature:

  
(Janet Hollrah)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kenneth E. ANDERSON

Confirmation No.: 9040

Application No.: 10/075,840

Art Unit: 2872

Filed: February 13, 2002

Examiner: J. Juba

For: INTEGRATED READING AND WRITING OF  
A HOLOGRAM WITH A ROTATED  
REFERENCE BEAM POLARIZATION

**REPLY TO NON-FINAL OFFICE ACTION UNDER 37 CFR § 1.111**

M/S Amendment  
Commissioner for Patent  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

This is in reply to the Office Action dated December 29, 2004, Paper No. 12172004, for which a reply is due on March 29, 2005. Accordingly, this reply is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

The Remarks begin on page 15 of this paper.

The Conclusion begins on page 17 of this paper.